

Title (en)  
HYGIENIC CLEANING DEVICE

Title (de)  
HYGIENISCHE REINIGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE NETTOYAGE HYGIÉNIQUE

Publication  
**EP 3434839 A1 20190130 (EN)**

Application  
**EP 18184135 A 20180718**

Priority  
JP 2017143632 A 20170725

Abstract (en)  
Provided is a hygienic cleaning device which can suppress applying of a scale removing agent to a member disposed inside of a casing. The hygienic cleaning device includes: a water discharging part having a nozzle and provided for discharging water; a water supply passage provided for supplying the water to the water discharging part; a tank provided to the water supply passage; a removing agent charging part capable of charging a removing agent which dissolves a scale precipitating in the water supply passage into the tank; a control part provided for performing a scale removing mode where the scale which precipitates in the water supply passage is dissolved by the removing agent charged into the tank; and a casing provided for housing the water discharging part, the water supply passage, the tank, and the control part, wherein the control part is configured to perform a control so as to dispose the water discharging part at a scale removing position where the removing agent is discharged from the water discharging part toward the outside of the casing while the control part performs the scale removing mode.

IPC 8 full level  
**E03D 9/08** (2006.01)

CPC (source: EP)  
**E03D 9/08** (2013.01)

Citation (applicant)  
JP H07324565 A 19951212 - SANWA SHUTTER CORP

Citation (search report)  
• [XDAI] JP H07324365 A 19951212 - MATSUSHITA ELECTRIC IND CO LTD  
• [A] EP 3170940 A1 20170524 - GEBERIT INT AG [CH]  
• [A] WO 2013020240 A1 20130214 - MUELLER HAUSTECHNIK AG M [CH], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3434839 A1 20190130; EP 3434839 B1 20220914**; JP 2019027013 A 20190221; JP 6369609 B1 20180808

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**EP 18184135 A 20180718**; JP 2017143632 A 20170725